1. Area = 225; perimeter = 60
2. Area = 198; perimeter = 58
3. Area = 72; perimeter = 48
4. Area = 139.4; perimeter = 45
5. Area = 3000; perimeter = 232
6. Area = 403; perimeter = 72
7. Area = 72
8. Area = 28
9. Area = 162
10. Question should read “Two similar rectangles have a scale factor of 4:3. If the area of the larger rectangle is 96 units2, find the area of the smaller rectangle. Area = 72.
11. Area = 36cm2
12. Area = 21in2
13. Area = 36in2
14. Area = 33ft2
15. Area = 54cm2
16. Area = 24m2
17. Ratio of the perimeters is 1:3. Ratio of the areas is 12:32 or 1:9
18. Scale factor is 3:4 (side/perimeter) and/or 9:16 (area)
19. Area = 64cm2
20. Area = 96in2
21. Area = 43cm2
22. Area ≅ 77.3m2
23. Area = 4.73in2
24. Area = + 25 + 110 = 135 + or ≅ 145.82
25. a) angle b) triangle; top c) apothem; trig d) side; perimeter e) A = ½(a \* P)

26. Area ≅ 483cm2

27. Area ≅ 116.4ft2

28. Area ≅ 75.3m2

29. Area ≅ 30.2m2

30. Area ≅ 31ft2

31. Area ≅ 74.9km2

32. Area ≅ 34.9mm2